

PRESS RELEASE

## **The new EU-funded SUNSHINE project develops and validates Safe & Sustainable by Design strategies for products enabled by Multi-component Nanomaterials and facilitates their implementation at industrial scale**

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The newly started H2020 SUNSHINE Project is an industry-oriented project, where leading research and technology organisations cooperate with Small and Medium Enterprises (SMEs) and large industries to develop and implement simple, robust and cost-effective Safe & Sustainable by Design (S&SbD) strategies for materials and products incorporating Multi-component Nanomaterials (MNCMs).

SUNSHINE will generate essential new knowledge, tools and data to fill the gaps in the current understanding of the exposure, hazard and functionality characteristics of these materials, especially those arising from their unique properties and interactions.



The first General Assembly of the project took place on February 16th to 17th in a virtual platform to gather consortium partners across the globe in a collaborative discussion how the project goals would be achieved and what actions will be taken throughout the project.

The project objectives feature:

- Create the Safe Innovation Approach (SIA) e-infrastructure to facilitate the development of S&SbD strategies for MNCMs and their uptake and implementation by industry, especially by SMEs
- Identify and develop experimental methods and generate data to support the development of S&SbD strategies and their validation
- Propose multiscale modelling approaches to support the development and testing of the S&SbD strategies
- Employ grouping and read-across to enable use of existing information for the S&SbD of MNCMs
- Demonstrate the SIA e-infrastructure and validate the S&SbD strategies in industrial case studies
- Contribute to Regulatory Preparedness by providing recommendations on adaptation of the current EHS standard guidelines and regulatory guidance for chemicals and Nanomaterials (NMs) to address MNCMs.

The project receives funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement n°952924.

Expect soon more information about the project on [www.h2020sunshine.eu](http://www.h2020sunshine.eu)

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**Project Facts:**

Project Reference	952924
Duration	48 months, starting in January 2021
Total Budget	8M €

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